

WEST Search History

DATE: Wednesday, May 14, 2003

| <u>Set Name</u> side by side | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> result set |
|----------------------------------|----------------------------------|------------------|-------------------------------|
| <i>DB=USPT; PLUR=YES; OP=ADJ</i> | | | |
| L14 | above average adj5 northern leaf | 9 | L14 |
| L13 | above average adj5 fusarium | 10 | L13 |
| L12 | relative maturity adj5 107 | 6 | L12 |
| L11 | 34b97 and (corn or maize) | 0 | L11 |
| L10 | L9 and 18 and 15 and 12 | 1 | L10 |
| L9 | 16 and (corn or maize) | 32 | L9 |
| L8 | 17 and (corn or maize) | 280 | L8 |
| L7 | cob color adj5 red | 280 | L7 |
| L6 | glume color adj5 purple | 32 | L6 |
| L5 | L4 and (corn or maize) | 103 | L5 |
| L4 | anther color adj5 pink | 120 | L4 |
| L3 | anther color adj5 pink | 0 | L3 |
| L2 | L1 and (corn or maize) | 75 | L2 |
| L1 | silk color adj5 light green | 75 | L1 |

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal649axm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Jun 03 New e-mail delivery for search results now available
NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11 Oct 24 BEILSTEIN adds new search fields
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
NEWS 14 Nov 25 More calculated properties added to REGISTRY
NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17 Dec 17 TOXCENTER enhanced with additional content
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 19 APOLLIT offering free connect time in April 2003
NEWS 28 Mar 20 EVENTLINE will be removed from STN
NEWS 29 Mar 24 PATDPAFUL now available on STN
NEWS 30 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 31 Apr 11 Display formats in DGENE enhanced
NEWS 32 Apr 14 MEDLINE Reload
NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 35 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 36 Apr 28 RDISCLOSURE now available on STN
NEWS 37 May 05 Pharmacokinetic information and systematic chemical names
added to PHAR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:29:16 ON 14 MAY 2003

| | | |
|-------------------------|------------|---------|
| => file agricola biosis | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'AGRICOLA' ENTERED AT 11:29:24 ON 14 MAY 2003

FILE 'BIOSIS' ENTERED AT 11:29:24 ON 14 MAY 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC. (R)

=> s anther color (10w) pink
L1 0 ANTHR COLOR (10W) PINK

=> s silk color (10w) light green
L2 0 SILK COLOR (10W) LIGHT GREEN

=> s cob color (10w) red
L3 0 COB COLOR (10W) RED

=> s 34b97 and (corn or maize)
L4 0 34B97 AND (CORN OR MAIZE)

=> s fusarium ear rot and (corn or maize)
L5 45 FUSARIUM EAR ROT AND (CORN OR MAIZE)

=> s l5 and test weight
L6 0 L5 AND TEST WEIGHT

=> s l5 and yield
L7 5 L5 AND YIELD

=> dup rem l7
PROCESSING COMPLETED FOR L7
L8 4 DUP REM L7 (1 DUPLICATE REMOVED)

=> d 1-4 ti

L8 ANSWER 1 OF 4 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 1

TI Importance of the husk covering on the susceptibility of corn
hybrids to Fusarium ear rot.

L8 ANSWER 2 OF 4 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Genetic and agronomic evaluation of short-season quality protein
maize.

L8 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI A NEW MODIFIED SINGLE CROSS MAIZE HYBRID JECHEONOK.

L8 ANSWER 4 OF 4 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI EFFECT OF FUSARIUM EAR ROT ON CORN
YIELDS.

=> s l5 and northern leaf blight
L9 0 L5 AND NORTHERN LEAF BLIGHT

=> s l5 and grain quality
L10 1 L5 AND GRAIN QUALITY

=> d ti

L10 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Ear rot susceptibility and mycotoxin contamination of maize
hybrids inoculated with Fusarium species under field conditions.

=> d ab

L10 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AB The development of new maize hybrids with resistance to Fusarium
infection is an effective means of minimizing the risk of mycotoxin
contamination. Several maize hybrids have been investigated for
Fusarium ear rot and accumulation of fumonisin
B1 (FB1), fumonisin B2 (FB2), beauvericin (BEA) and fusaproliferin (FP)
after artificial inoculation in the field with toxigenic strains of
Fusarium verticillioides and Fusarium proliferatum. The year of inoculation
had a significant influence on the disease severity and mycotoxin
accumulation in maize kernels. Of all the hybrids tested, only
Mona exhibited resistance to ear rot caused by F. verticillioides and
produced low levels of fumonisins during three years of experiments. In
Fusarium-damaged kernels (FDK), fumonisin B1, fumonisin B2, beauvericin
and fusaproliferin were detected at concentrations much higher (up to
10-20 times) than in healthy-looking kernels (HLK). Animal and human
exposure to these mycotoxins can be drastically reduced by removing mouldy
and visibly damaged kernels from the commodity.

=> d so

L10 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO European Journal of Plant Pathology, (September 2002, 2002) Vol. 108, No.
7, pp. 645-651. print.
ISSN: 0929-1873.

=> s northern leaf blight and (corn or maize)
UNMATCHED LEFT PARENTHESIS 'AND (CORN'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s northern leaf blight and (corn or maize)
L11 140 NORTHERN LEAF BLIGHT AND (CORN OR MAIZE)

=> s l11 and (excellent yield or good yield or high yield)
L12 0 L11 AND (EXCELLENT YIELD OR GOOD YIELD OR HIGH YIELD)

=> s l11 and yield

L13 29 L11 AND YIELD

=> dup rem l13

PROCESSING COMPLETED FOR L13

L14 21 DUP REM L13 (8 DUPLICATES REMOVED)

=> d 1-10 ti

L14 ANSWER 1 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI [Corn populations genetic value for disease resistance in off season sowing "safrinha" conditions.
Original Title: Valor genetico de populacoes de milho para resistencia a doencas em condicoes de "safrinha"..

L14 ANSWER 2 OF 21 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 1

TI Disease severity and yield of sweet corn hybrids with resistance to northern leaf blight.

L14 ANSWER 3 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Reactions of sh2 sweet corn hybrids to northern leaf blight in Florida and Illinois.

L14 ANSWER 4 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Assessment of damage and grain yield loss in maize caused by northern leaf blight in western Ethiopia.

L14 ANSWER 5 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Identification of characters to breed maize (Zea mays) variety for acid alfisols.

L14 ANSWER 6 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Sequential component analysis under various lime doses in maize.

L14 ANSWER 7 OF 21 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials.. All rights reserved.
(2003) DUPLICATE 2

TI Effect of planting density of maize on the progress and spread of northern leaf blight from Exserohilum turcicum infested residue source.

L14 ANSWER 8 OF 21 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 3

TI Effects of races 0 and 1 of Exserohilum turcicum on sweet corn hybrids differing for Ht- and partial resistance to northern leaf blight.

L14 ANSWER 9 OF 21 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 4

TI Relationships between yield of sweet corn and northern leaf blight caused by Exserohilum turcicum.

L14 ANSWER 10 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI **YIELD LOSS OF SWEET CORN CULTIVARS IN RESPONSE TO
DEFOLIATION AND TO INFECTION BY EXSEROHILUM-TURCICUM.**

=> d 11-21 ti

L14 ANSWER 11 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI EPIDEMIOLOGY OF **NORTHERN LEAF BLIGHT** ON
SWEET CORN.

L14 ANSWER 12 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI **YIELD LOSS IN SWEET CORN IN RESPONSE TO DEFOLIATION OR
INFECTION BY EXSEROHILUM-TURCICUM.**

L14 ANSWER 13 OF 21 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 5
TI Effect of time and rate of N sidedress application on northern
corn leaf blight severity and the associated **yield** loss.

L14 ANSWER 14 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI BELJSKI ZUBAN AS A SOURCE OF GENETIC VARIABILITY FOR DEVELOPING
MAIZE INBRED LINES AND HYBRIDS.

L14 ANSWER 15 OF 21 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 6
TI Effects of **northern leaf blight** and
detasseling on yields and **yield** components of **corn**
inbreds.

L14 ANSWER 16 OF 21 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 7
TI Classification of sweet **corn** hybrid reactions to common rust,
northern leaf blight, Stewart's wilt, and
Goss' wilt and associated **yield** reductions.

L14 ANSWER 17 OF 21 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 8
TI Disease development and **yield** losses associated with
northern leaf blight on **corn**.

L14 ANSWER 18 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI DIFFERENCES IN RESISTANCE BETWEEN **MAIZE** HYBRIDS WITH OR WITHOUT
THE HT-1 GENE WHEN INFECTED WITH EXSEROHILUM-TURCICUM RACE 2.

L14 ANSWER 19 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI A SIMULATION MODEL OF THE **NORTHERN LEAF BLIGHT**
OF **CORN**.

L14 ANSWER 20 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI HAWAIIAN SUPER-SWEET 6 **CORN**.

L14 ANSWER 21 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI STUDIES ON RESISTANCE TO **NORTHERN LEAF BLIGHT**
HELMINTHOSPORIUM-TURCICUM IN **CORN**-M PART 1 RELATIONSHIP BETWEEN
THE DEGREE OF INFECTION AND **YIELD** DECREASE.

=> s l11 and brittle stalk
L15 0 L11 AND BRITTLE STALK

=> s l11 and test weight
L16 0 L11 AND TEST WEIGHT